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WR4ACF (146.04/64)

CLUB CALL:
W4DW

RALEIGH AMATEUR RADIO SOCIETY
RARS
WORLDWIDE FRIENDSHIP

AFFILIATE

"RALEIGH AMATEUR RADIO SOCIETY NEWS"

MARCH 1978 ISSUE 101

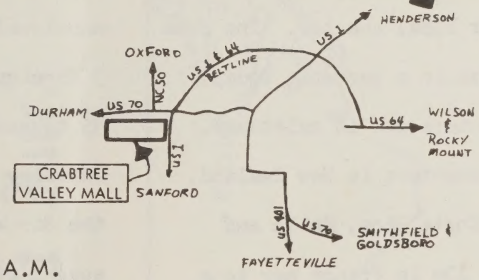
THE RALEIGH AMATEUR RADIO SOCIETY'S 6th ANNUAL

AN ARRL APPROVED

HAMFEST

$3.00 GENERAL ADMISSION

APRIL 23 1978



CRABTREE VALLEY MALL
US 70 WEST
RALEIGH, N.C.

ACTIVITIES BEGIN AT 9:00 A.M.

★ PRIZES !!! PRIZES !!! PRIZES !!!

1st Prize - Choice of Kenwood TS520S or ICOM 211. Vickers Electronics of Durham aided RARS in the purchase of this prize.

2nd Prize - Kilowatt three-element Tri-Band beam. This prize presented by RARS through assistance of Freck Radio of Asheville.

3rd Prize - Ham-M III Rotator presented by Cornell-Dubilier through Millar Electronics.

MANY OTHER PRIZES WILL BE DRAWN ALL DAY SUNDAY ! ! ! !

★ E-X-P-A-N-D-E-D FLEA MARKET (Covered)

★ WALK TO NEARBY MOTELS AND RESTAURANTS

★ FCC AMATEUR TESTS — 9:00 A.M. sharp on Sunday, April 23rd. If you send a completed form 610 to the attention of the RARS Hamfest at the address shown on the bottom of this sheet you will be pre-registered to take the exam which will speed up your processing. This is recommended by the FCC. If you cannot mail the form in advance, please complete and bring it with you. Exam registration and assignment will be in the East Community Room of the Crabtree Valley Shopping Center. The community room is located on the rear upper deck of the Mall.

PUBLISHED MONTHLY BY THE RALEIGH AMATEUR RADIO SOCIETY, INC., P.O. BOX 17124, RALEIGH, NORTH CAROLINA 27609 ■ MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN THIS PUBLICATION ■ TECHNICAL EDITORS - BERT BAILEY, W4FMN AND JACK KENNEY, WB4MCU ■ OFFICERS: PRESIDENT - CHUCK LITTLEWOOD, K4HF: VICE PRESIDENT - DAVE THOMAS, K4SAN: SECRETARY - JIM PEELER, WA4YOM: TREASURER - RALPH RIGDON, WB4MCU ■ PRINTED BY QUIKCOPY, RALEIGH, NORTH CAROLINA 27608.

CQ TEN-TEN
by
Paul Sims, WB4YBF

Ten meters is alive and well in Raleigh!! And lots of other places as well, thanks to a group of amateurs who belong to an organization known as Ten-Ten International Net, Inc. Several years ago, some folks in Southern California organized this net during a low in the sun spot cycle for the express purpose of keeping the band active and within amateur control. (Remember the 11 meter amateur band?) Local chapters around the USA were soon organized.

Inevitably, someone decided to award a certificate for contacting a certain number of members of their local chapter. The idea took hold like kudzu in a garden. Today, over 100 local chapters are in existence, and these include chapters in New Zealand, Australia, Japan, Costa Rica, Chile and Canada. Le Groupe 10m in France may soon affiliate with 10-10. Membership extends into about 30 countries for a total membership of approximately 20000. It is possible to obtain both WAC and WAS 10-10. In fact, the 10-10 Net awards a WAS certificate.

In order to get our slice of the action, the Sir Walter Raleigh chapter was chartered here July 27, 1977. A certificate, shown in this issue, was made available to 10-10 Net members who reported working seven people with Sir Walter numbers, at least two of which had to be in the Raleigh area. The color scheme is as follows: Sir Walter head is brown tone, certificate title and signature line is black, and NC and text is blue.

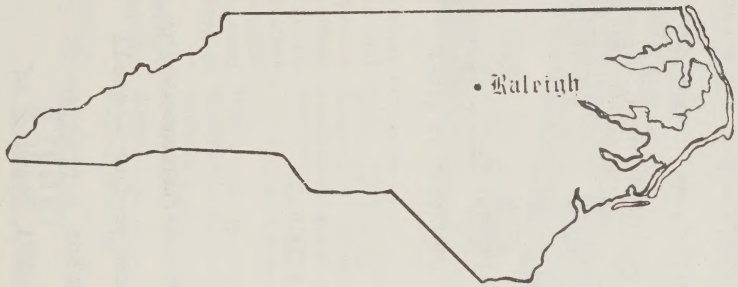
"Senior" awards are available: the Tobacco Stamp for 50 points, the Lost Colony for 87 points (the Lost Colony was founded by Raleigh in 1587), and the Queen's Seal for 100 QSO's. In addition, the chapter grants a Chivalry Award for working five YL's who have earned the Sir Walter award.

As of this date, we have issued Sir Walter certificates to 23 local and 128 non-local members (in about 30 states and 3 foreign countries). We have also granted 35 tobacco stamps, 15 Lost Colony, and 18 Chivalry Awards. From what we have heard, the Sir Walter Award is one of the more sought after of all those available. The chapter members report that many compliments on the certificate have been received.

If you would like to find out more about 10-10 and 10 meters in general, check in to the RARS 10 meter net at 7:00 p.m. M, T, Th, and F, or the Sir Walter Raleigh Net at 8:00 p.m. Tuesdays, all on 28.540 MHz, or contact one of the local members. A membership roster follows:

Sir Walter Raleigh Chapter

10-10 Net Inc.



By order of the Queen
_____ is given
Grant No. _____ in recognition
of efforts in Her behalf to
maintain Her Colonies on
10 Meters

Captain of the Guard _____

Keeper of the Seal _____

WB4YBF, Paul (Chapter Head); AA4VK, Ron; WA4IQE, Ray; WA4JJW, Ken (Certificate Manager); WA4PPT, Bobby; WA4ENZ, Joe; WA4OTA, Tom; WA4HLA, Dave (Treasurer); WD4GXO, Dick; K4SVS, Lloyd; W4EWN, Howard; WA4VSL, Glenn; WA4PDP, Eddy; WB4MJH, Fred; W4ATC, NC State; WD4DTP, Russ; WD4KXJ, Don (Certificate Designer); K4JFT, Tom; WD4BJP, Charlie; WB4YYT, Dave; WB4WXA, Chuck; WA4QIW, Jim; W4YZX, Doc.

One thing more. The Winter 10-10 contest was held Feb. 11-12 and the Sir Walter members made over 1100 contacts including over 170 DX! Based on previous years, the Chapter should rank in the upper third in its first effort, and I want to thank all those who gave their name, QTH and 10-10 number through all that QRM for hours on end.

Ten meters is alive and extremely healthy in Raleigh. Come help us grow!

MARCH MEETING PROGRAM ON DX

Art Stratemeyer of Fuquay-Varina, national sales manager for Cornell Dublier, will present a program on DX during the March 1 meeting of RARS.

The meeting will be held in the west community room of Crabtree Valley Mall beginning at 7:30 p.m.

Program chairman Lynn Pendleton said Stratemeyer's program will include a slide presentation.

CALL AL, SIGN UP TO HELP AT HAMFEST

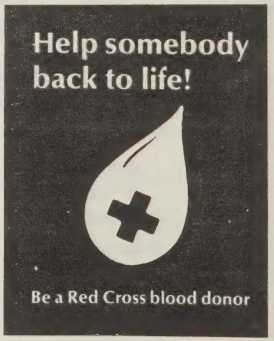
by

Al Clement, N4VF
Chairman, Club Table

RARS Hamfest is fast approaching. Only a few choice time slots remain for RARS members to help at the club table.

Contact Al, N4VF, at 876-3328, to get on the sign-up sheet.

Also, if you have equipment or other radio "junque" to donate to the RARS club table, or equipment you wish RARS to sell for you, contact Al for details.



an extraordinary combination of digitally synthesized receivers...

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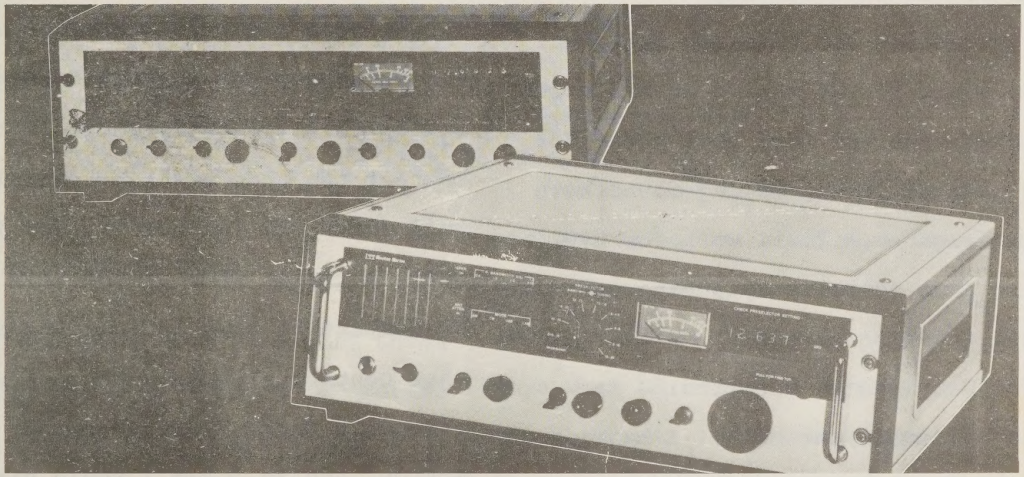

ITT Mackay Marine 3020A and 3021A Radio Receivers feature solid state construction, dual conversion and super-heterodyne design providing continuous frequency coverage from 15kHz to 29.9999MHz. Frequency selection is accomplished by step tuning, while the 3021A Receiver uses sweep tuning. These receivers meet strict requirements of British MPT, German FTZ, Norwegian NTA, Dutch and Spanish PTT and Canadian DOC, and can be used wherever maximum reliability and ease of maintenance are required.

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Mr. Ed Engebretson, General Sales Manager
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Federal Supply Schedule Group 58 Part VII,
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ITT *Mackay Marine*

NEW RARS MEMBER

Bob Marsh - - - WD4MUM

As a new member of RARS, I'd like to introduce myself to the membership and tell you a little about how I got interested in amateur radio. Amateur radio is a new field to me. I got my Novice ticket last November and joined RARS at the last meeting.

I'm married and have two children, ages 9 and 17. We reside in the north Raleigh area and have been there for the past 10 years, having moved here from Kingston,N.Y. I work for IBM where I do education planning and write training courses.

For many years, electronics has been my number one hobby. I have enjoyed building, modifing, and sometimes designing circuitry, first in vacuum tubes, then transistors, and now integrated circuits.

Over the years, I had only a passing interest in amateur radio. However, that changed as a result of attending a number of Hamfests around the state last year. Pat Whetzel, WA4CLT, invited me to go along and I found that was a great way to buy electronic parts at a very reasonable price. But seeing all that Ham gear and listening to Hams talk shop sparked my interest in learning more about amateur radio. So, when Pat suggested I get into Ham radio, I was ready to give it a try.

I started studying for the Novice exam. I found the theory easy, but the code was difficult for me. Had it not been for Pat's constant encouragement and help (and sometimes ridicule), I probably wouldn't have kept at the code practice. But it was well worth all the effort, for it was quite a thrill when I made that first CW contact. I have to tell you about that contact. I had telephoned a friend in Cary, WD4NGY, another new Novice, and told him I would give him a call on 40 meters. I sent his call for several minutes, but he couldn't hear me. Instead, I heard my call coming back followed by WA4CLT (Pat Whetzel). I was all conditioned for hearing WD4NGY and the WA4 instead of the WD4 really threw me for awhile. But I caught the CLT and figured it must be Pat.

We had a two hour QSO. Later Pat said that if I continued to improve in sending at the rate I had improved from the beginning of our QSO to the end, I'd be the world's greatest telegrapher (it wasn't that I was so good at the end, it was just that I was so bad at the beginning). But I was very pleased, for at last I had gotten 'on the air'.

Now I'm looking forward to that first voice contact, that is, after I upgrade to General (Advanced ??) at the RARS Hamfest in April.

DID YOU KNOW THAT:

Bill McDowell, K4PU, is only three countries short of DXCC on 160 meters.

Eddie Patterson, WA4PDP, lost his 80-foot tower in the recent heavy breezes.

According to local chatter, most RARS members had antenna problems recently.

It is now illegal to sell commercially or between private parties any receiver or transmitter that has a band switch specifically marked 11 meters or CB. Present owners of 75A3's, DX100's, FT101's, etc., are in for fun. This situation comes from the FCC ban on the sale of 23 channel CB radios but unintentionally took in some ham gear too.

Corns' Corner

WORKING TRAFFIC ON THE CAROLINAS NET (CN)

by

Bob Corns, K4MC

Traffic for January was above normal due to the Simulated Emergency Test (SET) on the 28th and 29th. Traffic totals for the two days were 93 messages handled in 14 net sessions. Seventy-seven stations checked into the net during the 14 sessions. Total time for all sessions was five hours and 48 minutes. Two stations checked in on emergency power.

Fifty-five CN sessions were reported for January, not counting SET operations. The statistics for these sessions were: 394 check-ins and 284 pieces of traffic.

Several persons asked questions after the net traffic report was carried in the last RARS Newsletter. Both the ARRL Handbook and How to Operate an Amateur Radio Station carry information on message handling and net operation.

inc

Sou

A few nights of listening to the nets will clear any cobwebs. If not, then corner me and ask your questions.

The stations which will be acting as NCS or 4RN reps for the next few months are listed to help you find the net and acclimate yourself.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Early CN 1900 EST 3573 kHz	Open	AA4NC	K4ZN	K4MC	WB4CAK	WAOYDJ	N4PQ
Late CN 2200 EST 3573 kHz	WA4OQS	W4ANK	AA4NC	WB4PDQ	W4ANK	N4EE	N4PQ
4RN 1945 EST 2130 EST 3567 kHz	WA4TWP	K4WJR	WB4HVL	AA4NC	W4PLN	N4PQ	W4NTO

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CHECKING WITH CHUCK

by

Chuck Littlewood, K4HF
President, RARS

RARS Hamfest time is fast approaching. All RARS members are urged to sign up to help out a few hours on April 23. The various committees are listed elsewhere in the newsletter.

There are about 100 students in our licensing classes, about evenly split between novice and general. We hope they will complete the novice exams or take an upgrading exam at the hamfest. No novice exams will be given at the hamfest. Also, there will be no waiver of the 30-day waiting period to retake an amateur exam on April 23.

The relatively new RARS two-meter repeater has performed well for several months. The system went on emergency power several times in the past few months. We should shorten our communications on the repeater when we hear the lower frequency CW identification.

Thanks go to Bill Feehan, WB4EOV, and Jesse Hodges, W4JG, who were in charge of hospitality at the last meeting. Jim Peeler, WA4YOM, membership chairman, will welcome your assistance to greet visitors at a future meeting. Invite a ham or CB neighbor to a RARS meeting. All may benefit.

The FCC would still appreciate your waiting at least 90 days before inquiring about a new or renewed license. Then the inquiry should be made to Washington, D. C., not Gettysburg.

All RARS members are urged to keep an eye open for a "good buy" on electronic components.

MINUTES OF MEETING FEBRUARY 1, 1978

The regular monthly meeting of the Raleigh Amateur Radio Society (RARS) was held in the West Community Room at Crabtree Valley Shopping Mall on February 1, 1978. President Chuck Littlewood, K4HF, called the meeting to order and extended a welcome to members and guests. Fifty-four members and guests were present.

The Club Roster was circulated for members to note changes in calls, telephone numbers, addresses, etc.

President Littlewood made the following announcements: Copies of the Club By-Laws are available for new members. Members wishing to enter the Club DX contest for the most countries contacted during 1977 should submit logs to President Littlewood on or before February 20, 1978. The Dayton Hamvention will be held on April 28, 29 and 30, Dayton, Ohio.

Bert Bailey, W4FMN, reported that the SET exercises held on January 28 and 29 were successful. Many members gained needed experience in handling traffic. Bert asked that all RARS 2-meter net reports for January be submitted as soon as possible. Alternate NCS's are needed on two meters for each night of the week. Persons interested should contact W4FMN.

Bob Corns, K4MC, presented Bert Bailey, W4FMN, a plaque from the Club in recognition of his outstanding service to the Club and amateur radio. Bert has served as Emergency Coordinator 1971-77 and is still chugging on this assignment. In addition, Bert operates the Crabtree Project, is the trustee for WB4TOP, is very active on the two meter, tarheel, and mars nets and is always available for a brief announcement. Congratulations and many thanks, Bert.

Lynn Pendleton, K4NYV, discussed the upcoming RARS Hamfest (April 23, 1978) and requested volunteers for the many tasks that must be performed in order to have a successful Hamfest. Persons interested in signing up for a particular area should contact the appropriate chairman. Every club member's support is needed. Committee chairmen are as follows: Sherman Starnes, W4TZU, Publicity; Chuck Littlewood, K4HF, Prizes; Wayne Shevlin, WA4SNC, Talk-in; Ham Cooper, WB4SZZ, Sound System; Bob Corns, K4MC, Flea Market; Al Clements, WA4ØKZ, Club Table; Pat Whetzel, WA4CLT, FCC Exams; Audrey Browne, WB4ZSM, Public Relations; Ralph Rigdom, WB4SDU, and Jim Peeler, WA4YOM, Ticket Sales; Jack Kenny, WB4MCU, and Lynn Pendleton, K4NYV, Mailing; Bob Workman, WA4ZZN, Printing; Ed Alderman, WA4PEN, Food Service; Bill Feehan, WB4ZOV, Finance. Chairmanships for the following committees are open: Saturday Night Social, Site Preparation,

Local Directions and Sign Painting. Jack Kenny, WB4MCU is Hamfest Chairman.

The Newsletter cover for March and April will carry the hamfest flyer. Flyers are available if you wish to pass some along to friends.

The FCC will be at the Hamfest at 9:00 a. m. sharp April 23 to administer exams. If you turn in your 610 form and a copy of your license to WA4CLT or K4HF, you will be assigned a number for taking the exam thus avoiding the April 23 rush. For further information, contact Pat Whetzel, WA4CLT.

A drawing for a prize will be held at the March 1, 1978 meeting for those paying their 1978 dues by the end of the February 1, 1978 meeting.

The Club approved a motion to authorize Chuck Littlewood, K4HF, to draw an additional $900 for hamfest prizes bringing the total to $1400.

A number of books and small items were auctioned off by Bob Corns, K4MC, for a fellow ham who is moving out of state.

C. T. West, WD4SHI, requested that all copies for the March Newsletter be mailed to him no later than February 14, 1978.

Pat Whetzel, WA4CLT, announced a current registration of 42 in the novice class and 48 in the up-grade class. Pat also emphasized the need for amateurs to get on 10 meters. If we are going to keep the band, we must make use of it. A suggestion was made that a novice net could be set up on 10 meters. Any persons interested should contact Pat Whetzel, WA4CLT.

After a break for coffee, doughnuts and fellowship, door prizes were drawn. Rick Antolick, WA3WSB, won a 1978 US Call Book and a log book. Bob Marsh, WD4MUM, will be the guest writer for the March Newsletter.

Al Clement, WA4DKZ, and Lynn Pendleton, K4NYV, presented a slide presentation entitled "Computers and Riddles of Space" which was enjoyed by all. The meeting was adjourned, following the program.

Respectfully submitted,

Jim Peeler, WA4YOM
Secretary of RARS

RARS CALENDAR OF EVENTS

March 1
Regular RARS meeting.

March 10
Public Relations Night, North Hills Mall.

March 15
RARS Advisory Board meeting.

March 17
Public Relations Night, Crabtree Valley Mall.

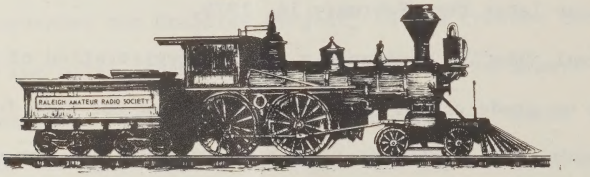
April 1 and 2
Metrolina Hamfest and ARRL Roanoke Division Convention, Charlotte.

April 5
Regular RARS meeting.

April 23
RARS Hamfest, Crabtree Valley Mall.

RARS meets each first Wednesday at 7:30 p.m. in the West Community Room of Crabtree Valley Mall.

RARS 2 METER FM NET - Meets Every Night Monday Thru Sunday at 8:00 p.m.
146.04/146.64 Repeater
RARS 10 METER SSB NET - Monday, Tuesday, Thursday, Friday Nights
7:00 p.m. - 28.540 MHz



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